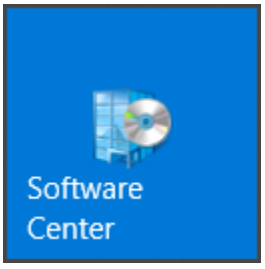
Division of Enterprise Technology

Windows 10

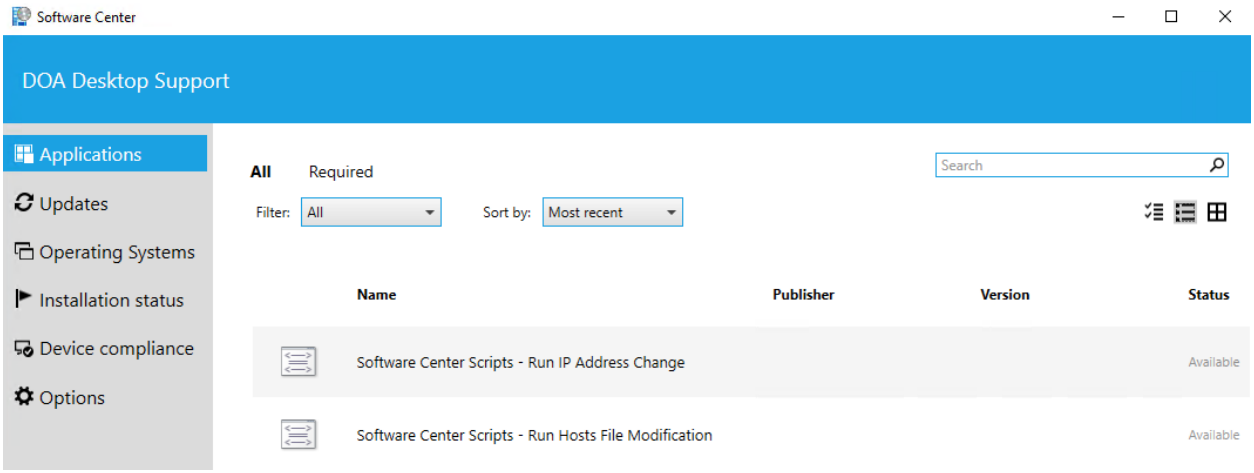
SCCM Software Center script/application mitigation

In Windows 10, some IT support functions require Administrator rights to perform. To comply with DET security policies and compliance standards, users do not have Administrator rights in Windows 10. To complete various IT support functions that require elevated privileges to run, the Microsoft System Center Configuration Manager (SCCM) management software that is used to install regular monthly security updates and other software, can be used to run scripts or applications that run with Administrator rights to allow the IT support functions to be performed. The scripts or applications can be run multiple times and are made available to specific devices.

The SCCM Software Center shortcut is available in the Windows 10 Start Menu



The SCCM Software Center Applications section will display the Software Center scripts or applications that are available to run on a device



Deployment of SCCM Software Center Scripts:

The SCCM Software Center Scripts are deployed and made available to a specific device/asset tag. All users that log into the device have the ability to run the process multiple times.

To request any of the available SCCM Software Center scripts, open a Service Request and include the following information (multiple devices/users can be included in the same Service Request):

- SCCM Software Center Script name
- Device/asset tag number
- User

Note: Service Requests requesting SCCM Software Center Scripts will be reviewed and approved by a supervisor or manager prior to being made available

Currently available Software Center scripts or applications:

1) IP Address Change

   Allows changing of IP address, subnet mask, default gateway

   Walkthrough

2) Host File Modification

   Allows changing of C:\Windows\System32\drivers\etc\hosts file

   Walkthrough

3) Visual Studio 2017 Updater

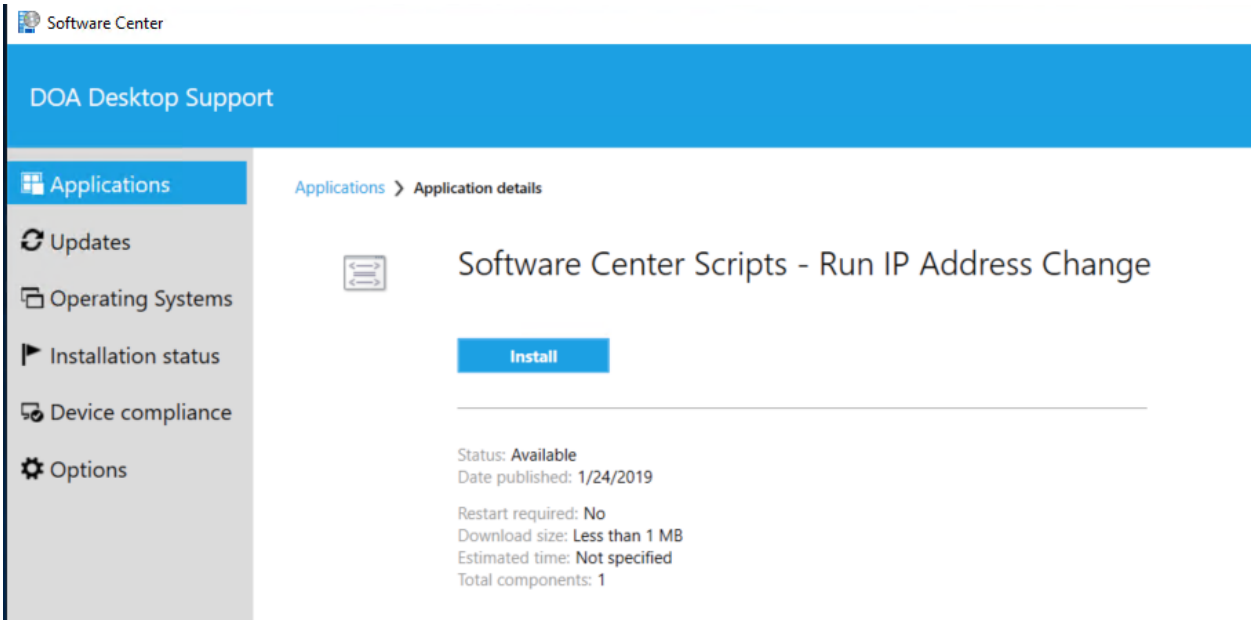
   Allows updating and component modification of Visual Studio 2017 Enterprise/Pro

   Walkthrough

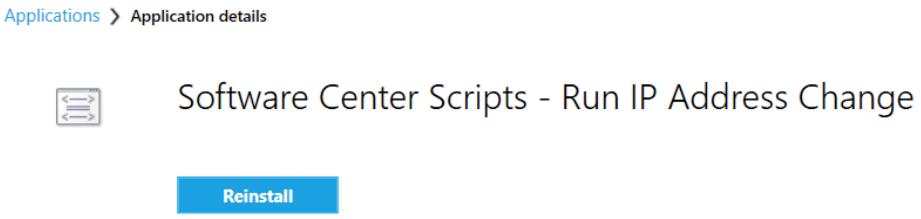
IP Address Change walkthrough:

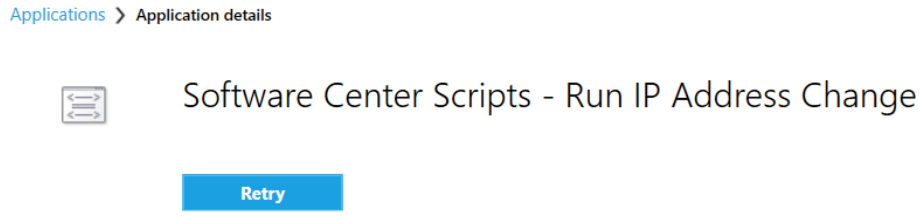
Note: Connect the wired network cable prior to running this process

1) Select the “Software Center Scripts – Run IP Address Change” selection from the SCCM Software Center Applications section and click **Install**

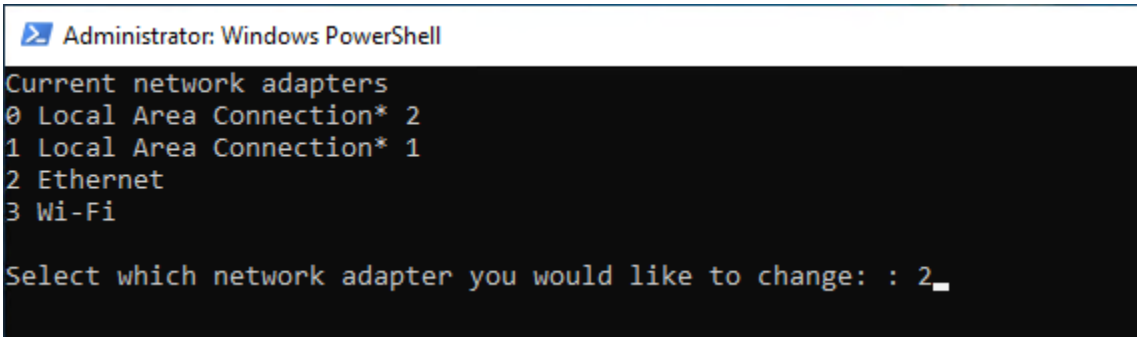


Note: After running this process for the first time, click **Install**, **Reinstall**, or **Retry** to run this process again. You can run this process multiple times.

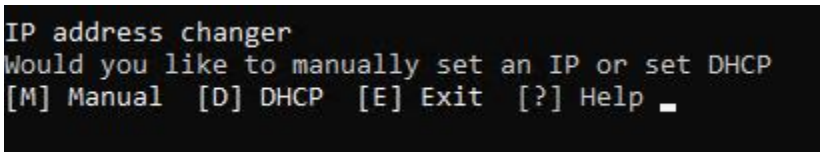




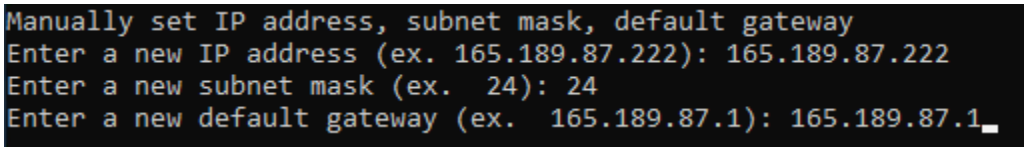
2) A PowerShell window will appear. Enter the network adapter that you want to change, and press **Enter**



3) The next prompt in the PowerShell window will present options for setting a manual IP address or to set the network adapter to DHCP



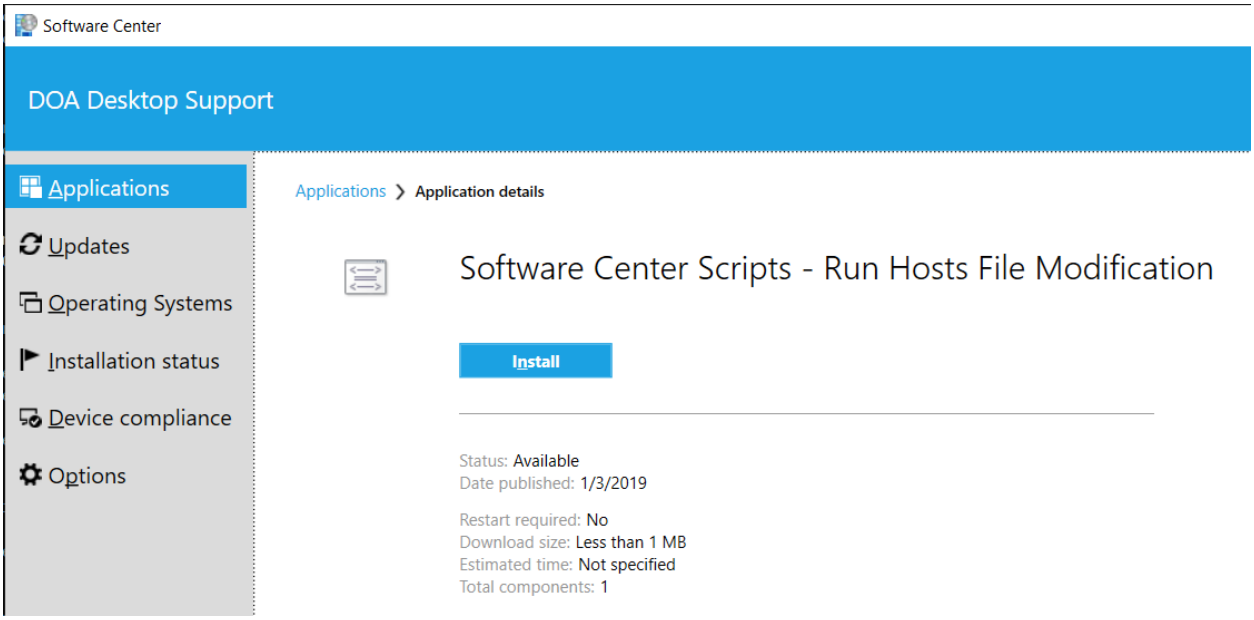
4) If you select [M] Manual, you will be prompted to enter an IP address, subnet mask, and default gateway



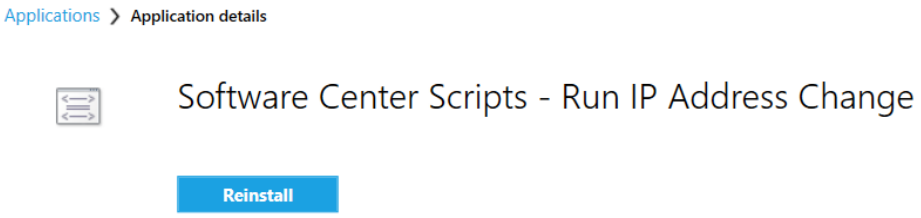
5) If you select [D] DHCP, network adapters will be set to DCHP and the IP address(es) will be displayed

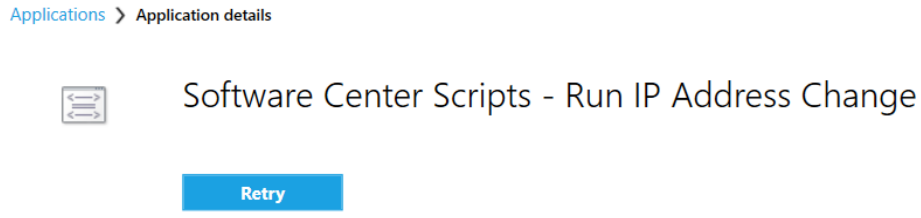
Hosts File Modification walkthrough:

1) Select the “Software Center Scripts – Run IP Address Change” selection from the SCCM Software Center Application section and click **Install**

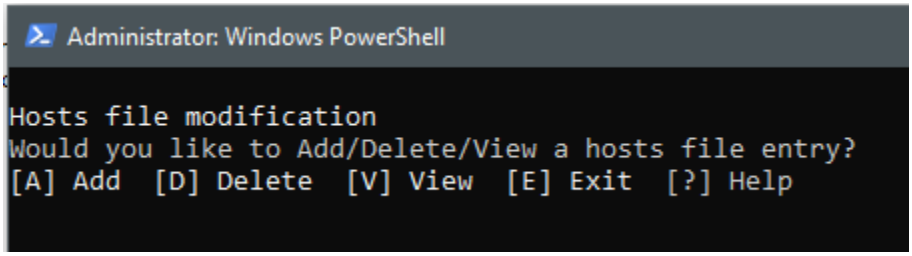


Note: After running this process for the first time, click **Install**, **Reinstall**, or **Retry** to run this process again. You can run this process multiple times.

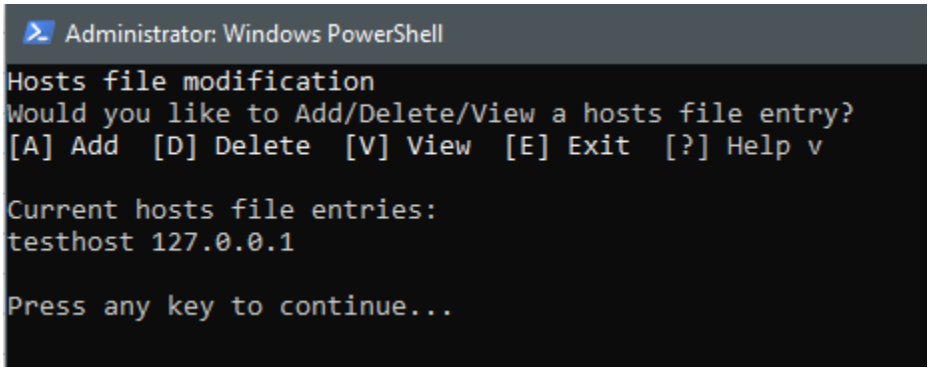




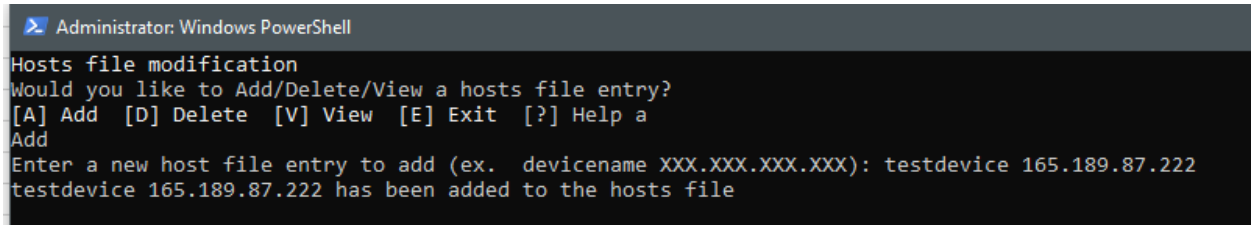
2) A PowerShell window will appear. The options available are to Add [A] a hosts file entry, Delete [D] a hosts file entry, or View [V] the current host file entries. Enter your selection and press **Enter**



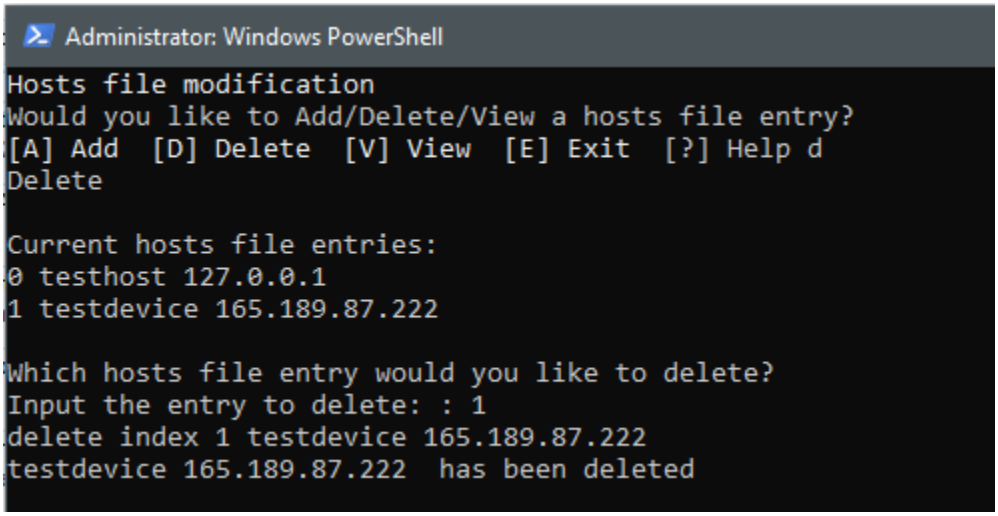
3) When entering View [V] to view the current hosts file entries, the current entries will be displayed



4) When entering Add [A] to add to the current hosts file entries, enter the hostname and IP address you would like to add to the hosts file



5) When entering [D] to delete entries from the current hosts file entries, enter the number of the host file entry you would like to delete



6) To exit, enter [E], and the PowerShell window will close

Visual Studio 2017 Updater walkthrough:

In progress